

Farm Department

Bright Future For Mule Producers.

Kentucky was the pioneer State in mule production. The American Jack was developed largely in Kentucky, which made the State so greatly interested in breeding mules. Gradually the Kentucky Jack stock became distributed to neighboring states and the use of heavy mares on the corn belt farms made the production of mules an important industry of other states.

The mule is so superior to the horse as farm power that he is used in the South almost exclusively, while the middle and western states are calling for him in ever increasing numbers. Eventually he will be on almost every farm of the country and in the use for draft purposes in the cities of the north.

Draft mules are now in unusual demand at prices ranging from \$500 to \$700 per pair. The U. S. Army is in the market for classes that can be bought from \$160 to \$235 each. The small and hilly farms as well as the mines call for the 800-lb. to 950-lb. mules.

These demands make the outlook for mule breeders very bright. There is a market for almost every type of mule, but the better classes are more in demand and will pay better.

If brood mares can be used on the farms for work and at the same time produce mule colts each year, the greatest profit will arise. At present prices of feed it will not pay to keep mares for mule production alone. The brood mare to be profitable must do at least work enough to earn her board and interest on her cost. The colt will be profit. If kept on the farm, the mule colts can be brought to the two-year-old form on the coarser and cheaper feeds. Usually they can be broke at this age and made to earn their keep from this on. If this be the method of breeding and feeding mules, they can be brought to the market age so as to realize a profit.

The demand promises to increase. The production in Kentucky has been falling off due to the scarcity of brood mares. Brood mares are not being replenished year by year as they should be. Breeders are not mating their mares to stallions because the prices of horses do not return to them the cost of their production. The scarcity of brood mares is certain to be reflected in the high price of mules. It would seem to be the part of wisdom to conserve and mate all high grade mares to Jacks, as mules are sure to be in very great demand so long as this present war lasts, and many years during the readjustment.

Sprinkle air slacked lime around the yards.

Sell cockles as fast as they come to the proper weight.

Exercise Care In Harvesting Potatoes.

Harvest potatoes when the plants begin to show signs of maturity. Where the plants are dead, harvest at the earliest possible time.

If the weather is dry and hot, the potatoes will bake in the soil and subsequently rot when stored or planted for a second or fall crop.

Should the weather be cool and rainy, the potatoes in the ground may make a second growth if the vines are not entirely dead. No doubt small growths, which frequently look like "nubbin" potatoes, have been noticed on Irish potatoes. In preparing such potatoes for cooking purposes there is an unnecessary waste.

Store potatoes in a cool, dry, airy place if possible. If you have a cellar, cave or dugout which meets the above requirements, take advantage of it. The potatoes may be spread on the floor to a depth of a few inches. Slatted crates or slatted shelves may be used. A swinging table in the cellar would economize space and at the same time get the potatoes out of the way.

A cool, dry barn or barn loft may answer the purpose. A little morning and evening subdued sunlight will not cause the potatoes to rot.

There are several successful ways of storing seed potatoes for the second or fall crop. Where the first-crop seed is properly matured, and it is not the proper planting time, the seed may be placed on moist straw or leaves under a wide, shady tree.

Various Causes of Bloody Milk.

Bloody milk is more objectionable perhaps, as a matter of appearance than as a menace to health. Hemorrhages may occur within the udder as a direct result of a bruise, caused by rapid motion, by a bad position while the cow is lying down, by the tread of a cow in an adjoining stall, or because of the breaking of a tiny blood vessel or the escape of red corpuscles through thin vessel walls. Heavy feeding may also produce bloody milk.

The remedy is careful milking and light feeding with laxative foods and repeated small doses of mild physic.

When the trouble occurs with cows giving a heavy flow of milk and under heavy feed, improvement follows a marked reduction of the ration. A change of stall may give good results if it allows a cow to obtain a better position and avoid uneven pressure on the udder while lying down. Cows with long, heavy udders should be driven slowly and should not be driven over high sills.

Have You Any Attractive Pictures Made On Your Home Farm?

The Extension Department of the College of Agriculture, at Lexington, would be glad to have a few Kentucky farm pictures for various uses, mainly for lending to agricultural journals to be published.

To be of service pictures should show some animal of merit, a barn or other structure that has special advantages, crop scenes of unusual interest, farm operations in progress and in some instances an exceptionally attractive landscape would serve a good purpose.

Pictures to be really useful must be accompanied by full particulars, as they might have very little meaning unless explained.

There are invisible in every sire as many traits as there are visible. He transmits both.

Miscellaneous Suggestions For Kentucky Farms.

- 1—Some good brood sows.
- 2—Feeding balanced rations.
- 3—A dairy association.
- 4—Clean, attractive farmsteads.
- 5—Two good live stock books.
- 6—Cull out all inferior animals.
- 7—Improved barns and fences.
- 8—Plant shade trees for your live stock.
- 9—A state stallion registration law.
- 10—Learn how to judge live stock.
- 11—Membership in a state live stock association.
- 12—Community cow-testing associations.
- 13—Better sanitary surroundings for live stock.
- 14—A small flock of sheep on irrigated lands.
- 15—The best agricultural paper in the United States.
- 16—A complete set of farm account books.
- 17—A week at the farmers' short course at the University.
- 18—A few gallons of crude oil to kill lice on live stock.
- 19—Sell scrub sires and purchase registered ones.
- 20—Co-operative live stock marketing associations.
- 21—A little special care and attention given the young animals.
- 22—Maintain the fertility of your farm by keeping live stock.
- 23—A trip to your county and state fairs to study live stock.
- 24—Community ownership of good stallions, Jacks and bulls.
- 25—A holiday to visit your most successful neighbors.
- 26—A post card to your agricultural experiment station for advice.
- 27—One hour every day figuring out methods to save steps, make the work more efficient and more profitable.
- 28—Growing crops especially suited to produce feed for your live stock.
- 29—Adapt your system of farming to suit soil, climate and stock.
- 30—Making the boys partners in the farm by giving them a lamb or pig.

The Inconsiderate Mice.

A more kind-hearted and ingenious soul never lived than Aunt Betsey, but she was a poor house-keeper. On one occasion a neighbor who had run in for a "back-door" call was horrified to see a mouse run across Aunt Betsey's kitchen floor. "Why on earth don't you set a trap, Betsey?" she asked.

"Well," replied Aunt Betsey, "I did have a trap set. But land, it was such a fuss! Those mice kept getting into it!"—The Youth's Companion.

Lady Walnut Hill May Pass World's Egg Mark.

Lexington, Ky., Aug. 18.—Three hundred and ninety-eight eggs were laid during the forty-first week of the national egg-laying contest closing on the 16th, a decrease of sixty-seven eggs from last week. The four leading pens for the week produced twenty eggs each. A Rhode Island White pullet was the only one to produce a perfect score of seven eggs.

Lady Walnut Hill, of Louisville, a candidate for world's record honors for the year's production, laid five eggs. She has laid 254 eggs to date and has eighty-three days left in which to bring her record up to 315 eggs, to pass the world's record.

Children Cry FOR FLETCHER'S CASTORIA

OPENING THE BIBLE

When the President Takes the Oath of Office.

NO PLACE FIXED IN ADVANCE.

The Passage of Scripture Upon Which the Chief Executive Presses His Lips Is Entirely a Matter of Chance—The Bible After the Ceremony.

The president before he enters on the execution of his office takes an oath or affirmation that he "will faithfully execute the office of president of the United States and will, to the best of my ability, preserve, protect and defend the constitution of the United States," and this oath is usually sealed or confirmed by the kissing of the Bible.

The kissing of the Bible as part of the inaugural ceremony is perhaps following a very ancient custom. The Egyptians were required to kiss the rolls on which the commands of Joseph were written.

The custom requires that immediately after the president elect has taken the oath, with hand on the Bible, the clerk of the United States supreme court shall throw open the book, and the incoming chief magistrate shall implant a kiss on one of its open pages.

Doubting Thomases have always thought that there was no element of chance in this performance and that the passage of Scripture is always carefully selected in advance, and the book is held by the clerk of the court in position so that the incoming chief will kiss the passage that it is intended he shall kiss, but this supposition is entirely wrong.

James D. Maher, clerk of the supreme court, said that the opening of the book is entirely "haphazard" and that no man on earth has the slightest intimation in advance regarding the passage of Scripture that will be thus brought into notice.

Usually the Bible that is used in administering the oath is bought by the clerk of the supreme court and paid for out of his pocket and is a small Oxford edition costing \$10 to \$15. The late James H. McKim, for many years clerk of the supreme court, once said, "You see, congress expends money only by appropriation, and if we were to wait for congress to appropriate the price of the book we might never get a Bible on time."

There have been exceptions, however, when the Bible came from other sources. For instance, when James A. Garfield was inaugurated March 4, 1881, he carried in his overcoat pocket to the capital a well worn, leather bound volume which had been presented to him by his mother. The book was taken from the White House and in a few years found its way to the stall of a bookseller in San Francisco. How it got there has never been known, nor is it likely it ever will be. A few years ago it was offered for sale at a very high price.

Chester A. Arthur took the oath of office just after midnight at his home in New York city Sept. 20, 1881. The Bible used was one belonging to the then chief justice of the state of New York. It is cherished by the judge's family as an heirloom.

On March 4, 1885, when Grover Cleveland was inaugurated president for the first time, he, like Garfield, kissed the Holy Book which was given to him by his mother. It was a small volume, bound in red leather, and was presented to him many years before. The book is now in the possession of Mr. Cleveland's married sister at Toledo, O. The Bible upon which he took the oath in 1893, eight years later when he became president the second time, was one presented by his beautiful wife, and she became its possessor.

When Benjamin Harrison was made president March 4, 1889, the Bible used was one that his wife had given him on the day of their marriage in Oxford, O., where President Harrison spent his school days. The Harrison Bible is owned by Mrs. James R. McKee, the daughter of ex-President Harrison.

President McKinley used a Bible that had been presented to him by the negro bishops of the country. It was the biggest Bible ever seen at the clerk's office, and Clerk McKinley in relating the incident said: "The day before the inauguration one of the bishops called at my office with the Bible. It was a huge affair of the type known as family Bibles. It rested in an ornate box lined with purple velvet and ornamented with gold. The box was fastened by lock and key. When I realized that it would be my lot to carry that huge Bible from the senate chamber clear out to the front of the capitol my knees grew weak and I could not refrain from asking the bishop jokingly where the wheelbarrow was that should go with it."

The invariable custom is that on the day following the inauguration the clerk of the court takes the Bible to the White House and presents it to the first lady of the land as a keepsake.—Exchange.

Re-enforced Concrete.

The ark in which Moses was placed in the bulrushes, we are told in the second chapter of Exodus, was an ark of bulrushes daubed with slime and with pitch. This is probably the first recorded instance of a re-enforced concrete structure.

In matters of conscience first thoughts are best; in matters of prudence last thoughts are best.

RUSSIAN IS DRAFTED AND HE CELEBRATES EVENT

Connersville, Ind., Aug. 17.—Alexander Schaffner, formerly Alexander Koffovitch, who came to America from Russia several years ago, today was one of the happiest men of draft age in Fayette county. Granted his first citizenship paper yesterday morning, Schaffner was ushered from the County Clerk's office to the room where physical examinations for draft eligibles were being conducted.

Schaffner made a special display of his physical prowess, and when told he was physically fit he emitted a series of yells and embraced the examining doctors. Then he shook hands with every man in the room and those waiting outside. He employed a motorcycle owner to carry him in a car to the homes of the various conscription officials, where he serenaded them, playing "The Star Spangled Banner," and national anthems of other Entente nations, on an accordion. Later he distributed cigars among his friends.

Conscription officials contrasted his spirit with the attitude shown by some other men of draft age.

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Very Farsighted.

"Dorkins is a wonder."

"Yes, he's a farsighted chap. What has he done now?"

"He's gone and patented a carburetor that will burn air and has it all ready in case the supply of gasoline should give out."—Everybody's Magazine.

Preparedness.

"And what does your boy expect to be come when he leaves college?"

"A banker, I believe."

"But has he had any training for it?"

"Well, my check books show that he's handled a lot of money since he's been in college."—Exchange.

Helps Sick Women

Cardui, the woman's tonic, helped Mrs. William Eversole, of Hazel Patch, Ky. Read what she writes: "I had a general breaking-down of my health. I was in bed for weeks, unable to get up. I had such a weakness and dizziness, . . . and the pains were very severe. A friend told me I had tried everything else, why not Cardui? . . . I did, and soon saw it was helping me . . . After 12 bottles, I am strong and well."

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